LUMI✶NAIRE
Innov-is XP1

LIGHT YEARS AHEAD

brother
at your side

LUMINAIRE
Innov-is XP1

WITH

STITCHVISION TECHNOLOGY

There's a new star in the sewing world. Presenting the

Luminaire Innov-ís XP1. Adorned with revolutionary StitchVision

Technology, which, through an innovative projection of light, helps

you to find perfection in every stitch. It's an enlightened sewing,

embroidery and quilting experience, powered by technology

that's light years ahead.

STITCH PRECISION WITH STITCHVISION TECHNOLOGY

Introducing StitchVision Technology, a revolutionary system for virtually perfect stitch positioning and more precise previews via an intelligent projection of light. Preview, audition, and edit designs and stitches directly on your fabric.

SEEING IS BELIEVING!

Choose your desired sewing stitch and watch in amazement as the stitch is projected onto the 5″ x 3″ virtual preview area.*

5″x 3″
Virtual Preview Area

*In some cases, there may be some difference between the projector view and actual embroidery stitch-out, based on materials used.
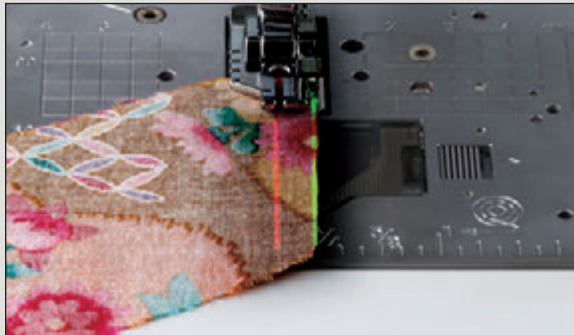
DUAL PURPOSE STYLUS

Use the innovative Dual Purpose Stylus to make adjustments to your stitches directly on your fabric for even more accuracy than ever before. Adjust your stitch width, length, and left/right shift using the revolutionary stylus.
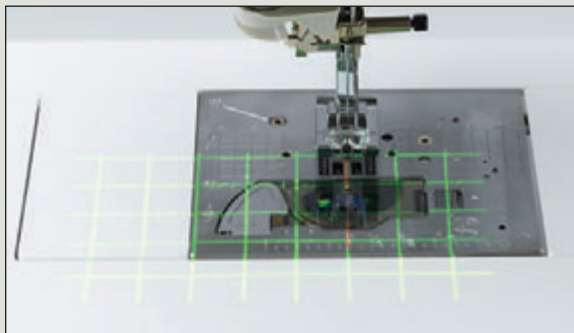
Want to choose a different stitch? Easily switch your stitch design by pressing the left or right arrow keys using the stylus.

Dual uses for maximum efficiency. The soft tip works on the LCD display, allowing you to select, move, or enhance projects directly on the screen.

GUIDELINE MARKER LINE AND GUIDELINE MARKER GRID

The 5" x 3" virtual preview area also displays a guideline marker in single, double, angled, and gridlines. Use gridlines for creating multiple rows of parallel stitching, pin tucks, hems, curtain rod pockets, decorative stitches, cross hatch quilting, or smocking.

When creating mitered corners, sashing strips, or Y seams, diamond cross hatching, or square corners, use the projector to preview your angle lines.

STITCHVISION TECHNOLOGY FOR MORE PRECISE PLACEMENT OF EMBROIDERY DESIGNS

Use the StitchVision Technology for virtually perfect placement of your embroidery design. After choosing an embroidery design, select the StitchVision Technology icon on the LCD display to see your embroidery design projected on your hooped fabric, allowing you to get a realistic preview before you begin embroidering.*

See Your Designs
PROJECTED
on Fabric

*In some cases, there may be some difference between the projector view and actual embroidery stitch-out, based on material used.

EASY-TO-VIEW EMBROIDERY POINTER

A built-in embroidery pointer is shown as a 'T' mark on your fabric. Three colour choices ensure visibility, regardless of fabric colour. The pointer can show the centre of your embroidery design as well as the needle drop position on the fabric.
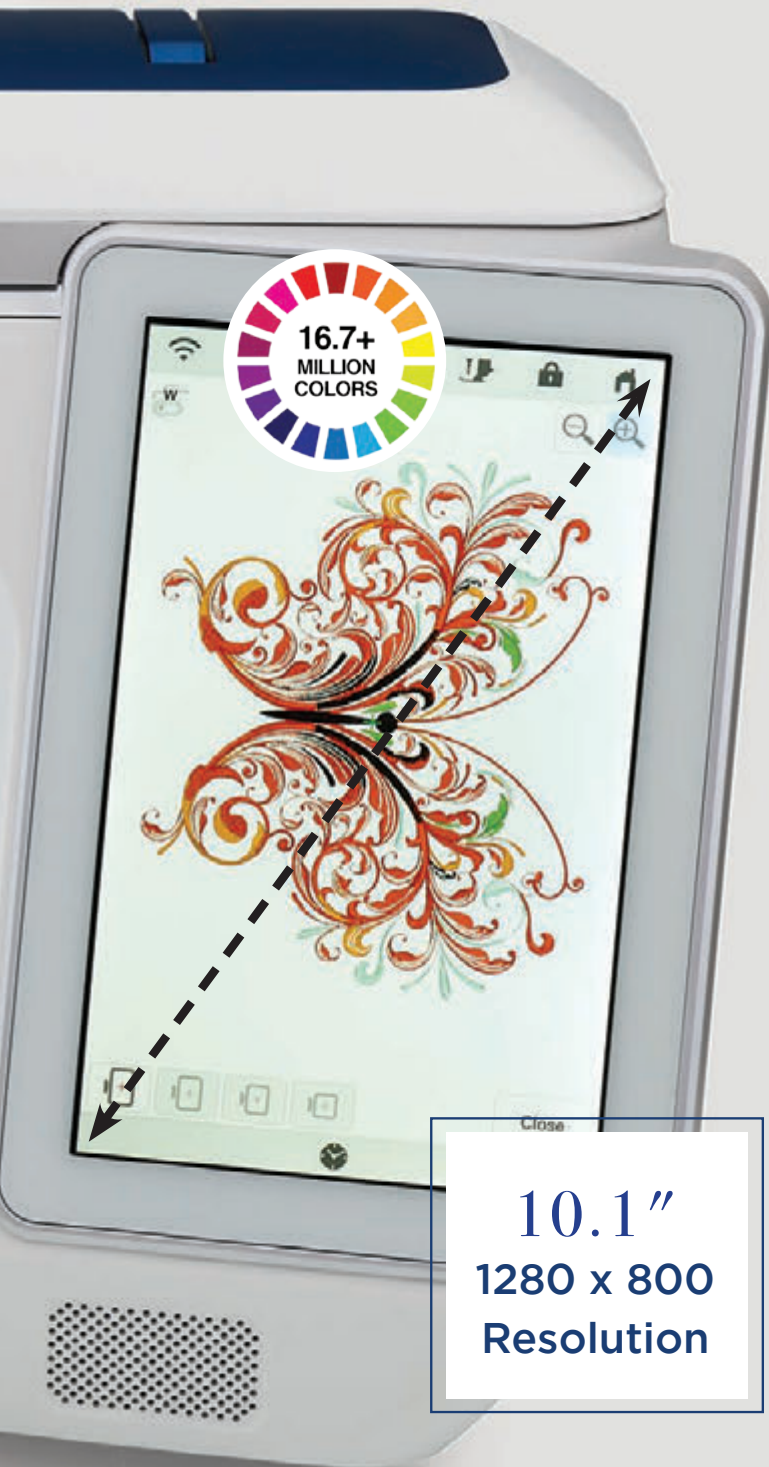
See Your

NEEDLE DROP
POSITION

16.7+ MILLION COLORS

10.1″
1280 x 800
Resolution

LARGE 10.1″ HD LCD TOUCH SCREEN DISPLAY

The simple and intuitive 10.1″ touch screen works like a tablet with familiar sliding, swiping, scrolling and pinch-to-zoom for viewing detailed steps, categories and designs. The user interface offers large, defined crystal-clear icons, and colour navigation for easy viewing.

BUILT-IN INSTRUCTIONAL MANUAL AND TUTORIAL VIDEOS

Built-in HD (version 1.2) tutorials make learning easy! View over 30 tutorial videos, or stream your own creations using the industry standard MP4 format.

ZOOM AND ADJUSTMENT FEATURES

View your creations in crisp, vivid colour and watch them become larger than life with the zoom function of up to 800% within My Design Centre, and up to 200% in other modes. Easily adjust your design by rotating in 0.1 degree increments. *Note: The sizes of the included Disney designs are not adjustable.*

ENHANCED LED LIGHTING

Now more brilliant than ever before! The powerful, high-colour LED lighting keeps your workspace bright, with less glare and shadows, making it easy on your eyes. Regulate the brightness between five settings, including an "off" mode to help find your ideal level.

EXPANSIVE WORKSPACE AND EMBROIDERY AREA

65 SQUARE INCHES OF WORKSPACE – 13.1" NEEDLE TO ARM

Achieve the unimaginable with 65 square inches of workspace. Projects of any size are easily managed. Our largest 13.1" needle to arm is a dream for any quilter with the ability to accommodate a rolled king-sized quilt!

LARGE 10 5/8" X 16" FRAME

Make your projects larger than life with the 10 5/8" x 16" frame, the largest that Brother currently offers. This extra-large frame has efficient rubber plates on both sides of the inner frame to hold fabric securely, plus a Spring Lever Release makes it easy on your hands when hooping fabric.

10 5/8"

16"

Spring Lever Release

NO CLAMPS NEEDED!

ENHANCED PRECISION TRACK EMBROIDERY SYSTEM

Engineered for superior stitch quality. Our advanced Precision Track embroidery system has been enhanced to offer more embroidery arm support in both horizontal and vertical directions.

brother

13.1"

Camera Detecting Buttonhole Feature
Detect the button to create the correct size buttonhole up to 47mm. Use the stabilizing plate with stretchy or thin fabrics for beautiful buttonhole results.

One Action Needle Plate
Allows for quick needle plate changes without the use of a screwdriver. No need to remove your extension table, embroidery unit or accessory tray.

Non-Reflective Matte Finish
Scratch-resistant surface helps to reduce glare and allows smooth fabric feeding.

Enhanced InnovEye Plus Technology
Up to 4x larger viewing area and faster scanning than prior models.

Revolutionary StitchVision Technology
An intelligent projection of light for virtually perfect stitch placement and more precise previews.

192 Built-in Embroidery Designs
Featuring Disney•Pixar characters.

Powerful LED Lighting
Clear, bright and adjustable for perfect clarity and less shading.

Large 10 5/8" x 16" Frame
With Spring Lever Release.

LUMINAIRE
Innov-is XP1

LUMINAIRE
Innov-is XP1
©DISNEY

1,157 Built-in Embroidery Designs

670 Decorative Stitches
Including 10 Disney sewing stitches.

Dual King Spool Thread Stand
Open the top cover to easily attach the included magnetic stand. This space saving innovative stand helps ensure proper thread delivery, and also helps prevent broken and distorted stitches and uneven tension.

Bobbin Winding with 5 Different Levels
Convenient way to set the bobbin to fill up to one of the 5 settings.

65 SQUARE INCHES OF WORKSPACE

Accessory Case
Designed to fit within the arm of the Luminaire. Keep all your tools neatly organised and out of your way when not in use.

Large 10.1" Touch Screen
Works like a tablet with familiar scrolling, pinching and sliding.

Wireless LAN Compatibility*
Allows you to wirelessly send and receive embroidery stitch data between your PC and the Luminaire.

Adjustable Presser Foot Knee Lifter
Adjust the lever in three angles for ideal sewing position.
Adjust the presser foot in four different heights.

*PE-DESIGN 11 Software required. Additional purchase required.

ENHANCED INNOVEYE PLUS TECHNOLOGY –
WIDER VIEW AND FASTER SCANNING IN HIGH RESOLUTION

It's like having a built-in camera and scanner! The ability to scan the entire embroidery area provides virtually endless creative options and helps ensure that all your projects are perfect.

The InnovEye Plus Technology has been enhanced to give you an even more precise and accurate experience. The camera viewing area now scans your embroidery area up to 400% wider than before.

InnovEye Plus Technology has faster scanning speeds than prior models, so you can spend more time creating, and less time waiting.
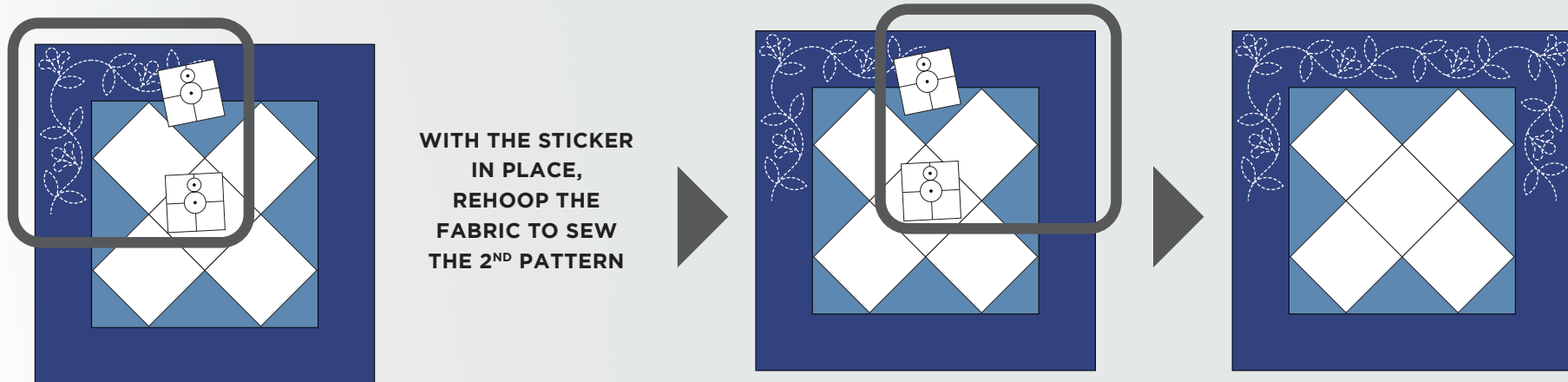
See Your
Designs
UP CLOSE

**LIVE MAGNIFIED IMAGE
WITH UP-CLOSE VIEWER**

SNOWMAN EMBROIDERY POSITIONING MARKER

Pair with InnovEye Plus Technology to automatically position the design for precise embroidery placement. Choose from 9 options for alignment of embroidery designs.

AUTO-SPLIT OF LARGE QUILTING SASHES

Using the Snowman Embroidery Positioning Marker, now you can easily connect your patterns for beautiful quilt block borders. Choose from 10 built-in motifs.

WITH THE STICKER IN PLACE, REHOOP THE FABRIC TO SEW THE 2ND PATTERN

CAMERA-DETECTING BUTTONHOLE FEATURE

Need to create a buttonhole for a shirt, jacket or blouse? The InnovEye Plus Technology can detect the button and automatically determine what size buttonhole to make! And with the innovative stabilizer plates, twisting or stretching of the fabric is eliminated.

MY DESIGN CENTRE – MAKE YOUR PROJECTS UNIQUE

My Design Centre integrates with our industry-first InnovEye Plus Technology to offer design capabilities at your fingertips, all without a PC. There are so many ways to create custom personal works of art – and a really fun way to create embroidery!

Draw or doodle directly on the LCD display and watch it spring to life in the large drawing area. Or, use the industry-first ScanImation Scanning Frame to scan drawings, line art, handwriting, or printed clip art and have it transformed into embroidery data. Or, import a JPEG using the USB port, and watch in amazement as the image is turned into stitch data using just the machine.

1. Scan it
2. Convert it
3. Embroider it

CREATE
Custom
Works
of Art

OUTLINE RECOGNITION FOR STIPPLE AND FILL PATTERNS

Accurately stipple anywhere on any project. Add stippling or fill to any embroidery design, whether built-in or imported. Import your new outline, choose from 30 built-in decorative fill patterns, including 15 new designs, or select stipple stitch and the machine does the rest. You can even add multiple fills to separate sections. Plus, with the enhanced preview mode, see both the scanned design and selected stippling.

INSIDE & OUTSIDE AUTO STIPPLE AND FILL PATTERN

Use the built-in library of shapes to add interesting detail to any project. You can even combine shapes and apply inside or outside stippling. And now you can choose decorative fill patterns with separate stitch settings to create unique designs. Includes 60 closed and 30 open shapes and 12 new lines with flipping capability!
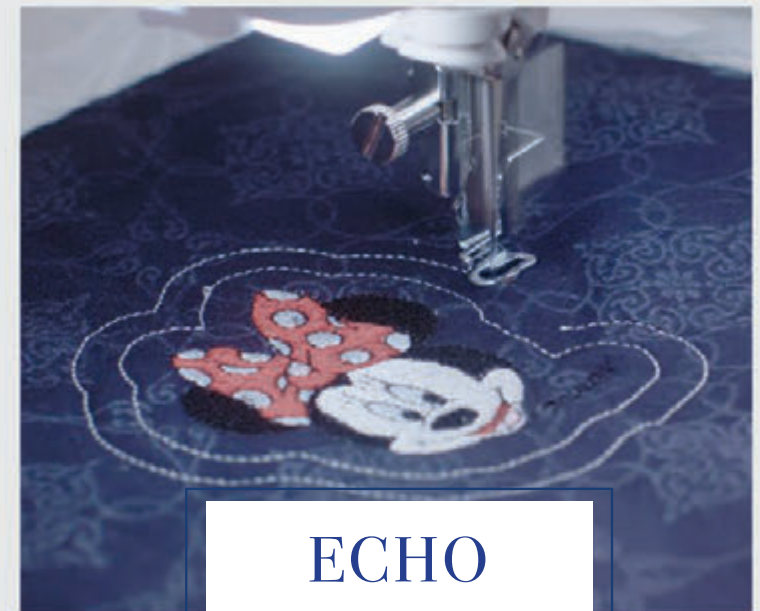
CUSTOM DRAW STIPPLING

Use the ScanImation Scanning Frame or draw directly on the LCD display to create your own unique patterns. Get the look of complicated freehand stippling without the use of software or stitch regulation!

TRAPUNTO-LIKE EMBROIDERY

Easily create Trapunto-like projects using the save outline feature. The last 20 outlines are saved.

ECHO QUILTING

Adding a creative and supple ripple effect to your embroidery design just got simpler. The advanced Echo Quilting feature allows you to surround any embroidery design with beautiful echo stitches that can enhance any project. The echo designs follow the contour of the design. The echo lines spacing can also be adjusted.

ECHO
QUILTING
Feature

OVER 1,100 BEAUTIFUL EMBROIDERY DESIGNS

Let your imagination and creativity run wild with the extensive library of over 1,100 built-in embroidery designs, including Disney, Anna Aldmon, Zundt, Zentangle and Pierre Joseph Redouté.

192 Built-in Disney Embroidery Designs

FAST EMBROIDERY COMPLETION SPEEDS

Enjoy embroidery speeds comparable to a 10-needle embroidery machine with speeds up to 1,050 stitches per minute.
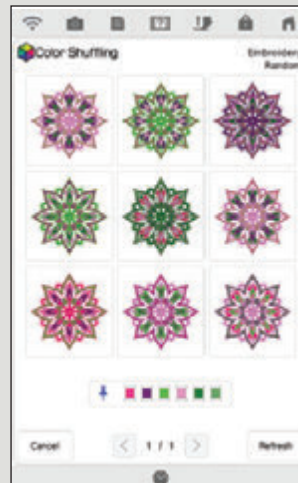
ENHANCED THREAD COLOUR PALETTES

Our already generous thread colour palette has been enhanced with the addition of Iris, Floriani, Simplicity, and Polyfast brands.

COLOUR SHUFFLING 3 FUNCTION FOR EVEN MORE COLOUR POSSIBILITIES

Love a certain colour scheme? Not sure how to combine colours? Use the pin function in Random and Gradient modes to ensure your favorite colours are included in your shuffle. Now, enjoy even more options with our enhanced colour palettes.

Random Mode

Gradient Mode

ACCESSORIES TO ENHANCE YOUR LUMINAIRE EXPERIENCE

Each accessory has been carefully chosen to give you the best tools to complete your projects. Plus, we offer a range of optional accessories you can choose from to enhance your experience even more.

INCLUDED ACCESSORIES:

FOUR FRAMES, INCLUDING OUR LARGEST FRAME TO DATE
Embroider monograms and other small designs with the 4″ x 4″ frame. Use the 5″ x 7″ frame for clothing embellishment or choose the 9.5″ x 9.5″ hoop for quilts and jacket backs. Accommodate your largest designs on the 10 5/8″ x 16″ frame – our largest frame to date.

14 DIFFERENT SEWING & EMBROIDERY FEET
Choose from a wide array of feet, including a free-motion quilting "C" foot, a free-motion echo quilting "E" foot and a 1/4″ piecing foot for effortless quilting. Plus, the included industry-first camera detecting buttonhole foot can detect the button and automatically determine what size buttonhole to make.

STRAIGHT STITCH NEEDLE PLATE
Easily and quickly switch your needle plate for sewing or quilting with a simple press of a lever – no screwdriver needed.

ACCESSORY CASE
Designed to fit within the arm of the Luminaire, the accessory case will keep all your tools neatly organised and out of your way when not in use.

DUAL KING SPOOL THREAD STAND
Open the top cover to easily attach the included magnetic Dual King Spool Thread Stand. This space-saving innovative spool thread stand helps ensure proper thread delivery and also helps prevent broken and distorted stitches and uneven tension.

ADJUSTABLE PRESSER FOOT KNEE LIFTER
Adjust the lever in three angles for your ideal sewing position. Adjust the presser foot in four different heights.

OPTIONAL ACCESSORIES:

PE-DESIGN 11 and PE-DESIGN 11 UPGRADE

PERSONAL EMBROIDERY AND SEWING DIGITIZING SOFTWARE

- Echo quilting, enhanced image tracing, round and flexible fill stitches
- Enable wireless LAN connectivity between your PC and Luminaire to send embroidery designs back and forth wirelessly
- PE-DESIGN 10 owners can purchase PE-DESIGN 11 Upgrade for more quilting features, improved user interface, enhanced PhotoStitch capabilities, and all the features of PE-DESIGN 11

WIDE EXTENSION TABLE

- 26" W x 16" D extension table for large sewing and quilting projects
- Features adjustable table legs and an on-board ruler

SCANNCUT SDX 1200

CUTTING MACHINE

- Industry-first blade sensor technology which detects the thickness of the material
- New auto blades cut a wide-variety of materials* like foam and felt, virtually effortlessly
- Redesigned, quieter mechanism for DIY anytime, day or night
- New PES/PHC data readability with stitch data conversion to utilize existing PES/PHC files

*Material compatibility may vary. Always perform a trial/test cut to confirm a successful cut.

GENERAL FEATURES

1. 13.1" needle to arm, and 5" height from sewing bed to top of machine arm
2. Almost 13" of full-spectrum lighting around the needle, with five adjustable settings
3. Automatic needle threading system
4. Separate bobbin winder system with adjustable bobbin winding speed
5. 5-level adjustable bobbin winding thread amount
6. InnovEye Plus Technology
7. 4x larger viewing area and faster scanning in high resolution
8. Foldable 2-thread spool stand magnetically attaches to the top cover
9. One action needle plate with enhanced guidelines
10. Convenient compartment for storing needle plate, on the sewing unit
11. Quiet operation during sewing and embroidery
12. Wireless LAN compatibility with PE-DESIGN 11 allows you to wirelessly send and receive embroidery stitch data between your PC and the Luminaire
13. Dual purpose stylus, to select options on the LCD screen as well as interact with icons displayed on fabric by the projector
14. Automatic thread tension
15. Automatic thread cutter
16. Textured surfaces on the machine bed area and embroidery unit reduce glare and enable smooth fabric feeding
17. Presser foot lever in convenient location

MY DESIGN CENTRE

18. Draw directly on the large LCD display to create embroidery
19. ScanImation Scanning Frame
20. Line art scan and embroidery
21. Ability to scan a drawing or JPEG file for embroidery
22. 60 closed shapes and 30 open shapes
23. 30 decorative fill patterns
24. 17 line styles with flipping capability, including E and V appliqué stitches
25. Scan and stipple for decorative fills
26. Recognise embroidery outline from embroidery mode and save up to 20 shapes
27. Trapunto-like effects
28. Up to 800% zoom with an easy pan tool
29. Flip design horizontally
30. Includes "undo" feature, with added "redo" capability

EMBROIDERY FEATURES

31. InnovEye Plus Technology and Snowman Embroidery Positioning Marker for precise positioning
32. Camera scanning in "fine" and "standard" modes, with higher scanning speed than previous machines
33. Projector to preview the selected pattern position on the hooped fabric
34. Projector feature to preview needle drop position in a projected "T" shape with 3 colour choices
35. Enhanced Precision Track embroidery system for better embroidery arm support in both horizontal and vertical directions
36. Brushless motor for the embroidery unit to provide powerful, quiet and controlled operation with beautiful embroidery output
37. Large 10 5/8" x 16" embroidery area
38. Embroider up to 1,050 stitches per minute, with faster completion speed than previous machines
39. More than 1,100 built-in embroidery designs, including 192 Disney•Pixar characters
40. 24 built-in fonts: 22 Alphabet, 2 Cyrillic
41. Simplified user interface for text input and editing, with various editing capabilities such as curving, arraying, and space adjustment
42. Go forward or backward up to 1,000 stitches, or by choosing a desired point on the progress bar
43. Thread sensors for upper and lower threads
44. Jump stitch thread trimming with thread wiper
45. Enhanced embroidery thread palettes include expanded brand and colour choices when reading embroidery data and customising the colour further
46. Embroidery drag and drop feature for selecting and positioning designs
47. Easy on-screen handles for digitally resizing and rotating designs
48. Up to 200% zoom-in preview window, with a convenient pan tool to quickly access the desired area
49. On-screen auto density adjustment (stitch to block)
50. Colour Shuffling 3 function, which can choose one thread brand that has more colour variations
51. No-fuss stippling in embroidery edit
52. Echo quilting button to add echo lines around the embroidery motif
53. Thumbnail sizes (large, medium, and small) are adjustable with tablet-like pinch-in and pinch-out functionality
54. Direct touch button for colour change on the screen
55. Resume function
56. Hoop size and grid options can be adjusted separately

57. Direct touch button for embroidery order
58. Automatic frame detection
59. Selectable thread brand when reading built-in designs or external designs
60. Progress bar to recognise current position in the active task
61. Auto split of quilt block sashes function with 10 built-in designs
62. Redo and undo operation up to 10 times in embroidery editing
63. Intuitive information key to see thread list before selecting pattern

SEWING FEATURES

64. Projector that shows adjustable single and double guidelines.
65. Projector that displays gridlines with adjustable intervals
66. Projector shows stitch image on fabric with width, length, and left/right shift adjustment icons
67. Stitch image projected onto fabric will change to match stitch design previewed on LCD screen
68. '+' icon to choose to connect an additional stitch design, or to refresh your stitch design.
69. MuVit Digital Dual Feed System with included general foot (also compatible with various additional feet)
70. My Custom Stitch feature to combine and edit custom stitches and 185 built-in sample stitches
71. Automatic Height Adjuster (AHA) feature for automatic presser foot pressure
72. Reinforcement stitch
73. Virtual Stitch Preview with InnovEye Plus Technology
74. Lightning-quick pivoting functionality, with customisable foot height
75. Sew without thread for paper punching
76. Square feeding system with powerful and long feed dogs
77. Large adjustable knee lifter. Adjust the lever in three angles for our ideal sewing position.
78. Flexible presser foot height-stop with the included knee lifter. Adjust the Presser Foot in four different heights.
79. Needle plate detector for safe operation
80. Ruler design with zero mark at the needle
81. 151 utility stitches
82. 670 decorative stitches, including 10 Disney sewing stitches
83. Sew up to 1,050 stitches per minute
84. Free-motion mode automatically adjusts the foot height
85. Automatic feed dog drop
86. Large size one-step buttonhole, up to 47 mm

87. Camera detection buttonhole foot
88. Adjustable buttonhole slit length
89. Flexible size change for most of the built-in stitches
90. Basting stitch with N foot and free-motion technique
91. Easily accessible screen options for needle up/down, and pivot

LCD DISPLAY FEATURES

92. Large and clear 10.1" built-in HD LCD display, with tablet-like operation, including pinch-in and pinch-out functionality, flick, and slide scrolling
93. More than 16 million possible colours with no colour shifting on LCD
94. Select embroidery designs and sewing stitches on the tablet-like display
95. Realistic preview of selected stitches and patterns
96. Fast on-screen design rendering than previous models
97. Over 30 instructional videos are available, either built-in or through program update
98. Built-in PDF view of instructional manuals

SOFTWARE FEATURES

99. 2 high-speed 2.0 ports for design transfer and SD card compatibility
100. Customisable USB mouse pointer function with an optional mouse
101. Optional external USB embroidery card reader (through program update)
102. Operational sounds in 5 levels
103. 12 built-in languages
104. Higher power CPU than previous models

ACCESSORY FEATURES

105. Includes four sizes of embroidery frames: 10.5"/8" x 16" with an easy lever, 9.5" x 9.5", 5" x 7" and 4" x 4"
106. 14 accessory feet, including 3 free-motion quilting feet and 1 piecing foot
107. High-quality accessory box with 3 trays for storage, to fit within 13.1" arm of machine
108. New straight stitch needle plate with angled lines for piecing placement and straight stitch foot
109. Optional multifunction foot controller for hands-free control of select sewing functions

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For more information, visit your Brother Luminaire Dealer
brother.com.au

 /brotheraustralia